

ABSTRACT OF THE DISCLOSURE

POWER SOURCE SWITCHING UNIT AND COMPUTER

5 To obtain a power source switching unit that is
capable of cost and size reduction, and also supplying
electric power reliably even when external power supply
is intercepted, and to obtain a computer that is capable
of avoiding shutdown that results from the interception
10 of the external power supply. The power source switching
unit is equipped on a power supply line with an AC
adapter detection circuit and outputting a #AC-ADAP
signal, and a temporary power supply circuit for
temporarily supplying electric power to a DC-DC converter
when the power supply is intercepted. The switching unit
is further equipped with a battery switching circuit for
switching the states of FET1, FET2, FET3, and FET4 so
that main and second batteries are both connected to the
DC-DC converter in response to a change in the #AC-ADAP
signal when the AC adapter is disconnected from the
switching unit.